



FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 1533.3500003/PAJ/T-M		APPLICATION NO. 10/712,399	
		APPLICANT Moore et al.			
		FILING DATE November 14, 2003	GROUP <u>To be assigned</u>	(1625)	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>20</i>	AA1	3,160,641	12/08/1964	Hartmann	549	464	08/07/1961
	AB1	3,454,603	07/08/1969	Hartmann	549	464	05/18/1966
	AC1	4,297,290	10/27/1981	Stockburger	549	478	07/17/1980
	AD1	4,408,061	10/04/1983	Salzburg et al.	549	464	03/11/1982
	AE1	4,506,086	03/19/1985	Salzburg et al.	549	464	06/20/1983
	AF1	4,564,692	01/14/1986	Feldmann et al.	549	464	07/18/1983
	AG1	4,861,513	08/29/1989	Lueders et al.	282	1P2.2X	10/09/1987
	AH1	2002/0002291 A1	01/03/2002	Bhatia	549	465	05/24/2001
	AI1	2002/0052516 A1	05/02/2002	Moore et al.	549	477	09/19/2001
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
<i>20</i>	AL1	DE 488 602	12/12/1929	Germany	—	—	Yes <input checked="" type="checkbox"/> No
	AM1	GB 600 870	04/21/1948	Great Britain	—	—	Yes <input type="checkbox"/> No
	AN1	WO 00/14081	03/16/2000	WIPO	—	—	Yes <input type="checkbox"/> No
	AO						Yes <input type="checkbox"/> No
	AP						Yes <input type="checkbox"/> No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>20</i>	AR	1	Bahulayan, D., and Sreekumar, K., "Chiral polyesters with azobenzene moieties in the main chain, synthesis and evaluation of nonlinear optical properties," <i>J. Mater. Chem.</i> 9:1425-1429, Royal Society of Chemistry (July 1999) ⁴
	AS	1	Bock, K., et al., "Acid Catalyzed Dehydration of Alditols. Part I. D-Glucitol and D-Mannitol," <i>Acta Chem. Scand.</i> 35:441-449, Nordic Chemical Societies (1981) ⁴
	AT	1	Duclos, A., et al., "A Simple Conversion of Polyols into Anhydroalditols," <i>Synthesis</i> 10:1087-1090, Georg Thieme Verlag (1994) ⁶

EXAMINER	<i>20</i>	DATE CONSIDERED	<i>1/3/06</i>
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



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AL						Yes No
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AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>RP</i>	AR	4	Wiggins, L.F., "Anhydrides of the Penitols and Hexitols," Adv. Carb. Chem., pp. 191-228, Imperial College of Tropical Agriculture (1950)
	AS	4	International Search Report for International Patent Application No. PCT/US01/42880, mailed April 18, 2002
<i>AT</i>	AT		

EXAMINER	<i>Dunn</i>	DATE CONSIDERED	<i>3/31/06</i>
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AL						Yes No
AM						Yes No
AN						Yes No
AO						Yes No
AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>M</i>	AR	2	Fléche, G., and Huchette, M., "Isosorbide. Preparation, Properties and Chemistry," Starch 38:26-30, VCH Verlagsgesellschaft mbH (1985) <i>o</i>
	AS	2	Goodwin, G., et al., "Preparation of bicyclic hexitol anhydrides by using acidic cation-exchange resin in a binary solvent. ¹³ C-NMR spectroscopy confirms configuration inversion in chloride displacement of methanosulfonate in isomannide and isosorbide derivatives," Carb. Res. 79:133-141, Elsevier Scientific Publishing Company (1980),
<i>V</i>	AT	2	Koch, H., et al., "New Industrial Products from Starch," Starch 40:128-129, Wiley-VCH (1988) <i>6</i>

EXAMINER	<i>Dwy</i>	DATE CONSIDERED <i>3/3/06</i>
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AN						Yes No
AO						Yes No
AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	3	Marr, A., et al., "Synthesis and structure of 1,4:3,6-dianhydro-2-O-p-tosyl-D-mannitol," J. Chem. Crystal. 27:161-166, Plenum Publishing Corporation (1997) <i>c</i>
AS	3	Stoss, P., et al., "1,4:3,6-Dianhydrohexitols," Adv. Carbohydr. Chem. Biochem. 49:93-173, Academic Press (1991) <i>b</i>
AT	3	Wiggins, L.F., "The Anhydrides of Polyhydric Alcohols. Part I. The Constitution of isoMannide," J. Chem. Soc. 4-6, American Chemical Society (1945) <i>e</i>

EXAMINER	DATE CONSIDERED
<i>Dunn</i>	3/3/08

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